

In re Patent Application of

COLLINS et al

Atty. Ref.: LCM-608-448

Serial No. 10/524,050

TC/A.U.: 3676

Filed: February 8, 2005

Examiner: Suchfield, G.A.

For: PROCESS FOR TREATING A FORMATION

July 9, 2007

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO/SB/08a.

This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO/SB/08a and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

It is hereby certified that each of the references listed in the present IDS was cited in a communication from a foreign patent office (EPO) in a counterpart foreign application not more than 3 months prior to the filing of the present IDS.

Pursuant to Rule 37 C.F.R. §1.97(c), a fee of \$180.00 as specified in Rule 17(p) is attached. If there is any shortage in the fee, please charge the deposit account of Nixon & Vanderhye, Account No. 14-1140.

07/10/2007 JADDO1 00000018 10524050

01 FC:1806

180.00 OP

COLLINS et al Serial No. 10/524,050

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

Leonard C. Mitchard Reg. No. 29,009

LCM:Iff 901 North Glebe Road, 11th Floor

Arlington, VA 22203-1808 Telephone: (703) 816-4000

Facsimile: (703) 816-4100

CITATION 608-448 APPEICANT COLLINS et al FILING DATE February 8, 2005 3676 U.S. PATENT DOCUMENTS TEXAMINER INITIAL S. 642.783 O7/1997 Moradi-Araghi et al CLASS SUBCLASS IF APPROPRIAT FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUBCLASS VES NO EPP S44 377 A1 06/1993 EPP OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.) TEXAMINER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)	Sheet	1 '	of 1		SIPE 4				
COLLINS et al FEDRUARY 8, 2005 3676 U.S. PATENT DOCUMENTS FEXAMINER NAME CLASS SUBCLASS IF APPROPRIAT OCCUMENT NUMBER DATE NAME CLASS SUBCLASS IF APPROPRIAT FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EPO 544 377 A1 06/1993 EP OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)			Ten.						
COLLING CAT GROUP February 8, 2005 3676 U.S. PATENT DOCUMENTS	CHATION				8 JUL 6.9 Zuur 😾	10/524,050			
Separation				COLLINS et al					
U.S. PATENT DOCUMENTS FILING DATE NAME CLASS SUBCLASS IF APPROPRIAT S.642,783 07/1997 Moradi-Araghi et al S.642,783 07/1997 Moradi-Araghi et al FILING DATE CLASS SUBCLASS IF APPROPRIAT FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS TRANSLATION EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)		(Use se	veral sheets if necessary)						
TEXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FAPPROPRIAT CLASS SUBCLASS FAPPROPRIAT FOREIGN PATENT DOCUMENTS TRANSLATION EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) TEXAMINER NAME CLASS SUBCLASS FAPPROPRIAT CLASS SUBCLASS FAPPROPRIAT TRANSLATION TRANSLATION OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)				Februar	ry 8, 2003	3070			
INITIAL DOCUMENT NUMBER DATE MAME CLASS SUBCLASS IF APPROPRIAT S.642,783 07/1997 Moradi-Araghi et al	*FXAMII	NER		U.S	. PATENT DOCUMENTS			FILING	DATE
FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)						CLASS	SUBCLASS		
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered			5,642,783	07/1997	Moradi-Aragni et ai				
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered					,				
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered							 		
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered							 		
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered							 		
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered							 		
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered									
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO EP 0 544 377 A1 06/1993 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered				FORE	IGN PATENT DOCUMENTS			TRANS	LATION
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) *Examiner Date Considered						CLASS	SUBCLASS		
*Examiner Date Considered			EP 0 544 377 A1	06/1993	EP				
*Examiner Date Considered									
*Examiner Date Considered									
*Examiner Date Considered									
*Examiner Date Considered									
*Examiner Date Considered		I	OTHER DOCL	JMENTS (incl	luding Author, Title, Date, Pe	rtinent pages, e	tc.)		
					.				
		l		··· · · · · · · · · · · · · · · · · ·					
			1		ı	ı			
	*Fxami	iner			Date Considered				
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Initial a this form with next communication to application.	Examiner:	: Initial if	reference considered, whether or	r not citation is in co		gh citation if not in confo	ormance and not	considered	. Initial a